

Overhead transmission line using optical fibre cable - has several optical fibre cables that each include ultraviolet ray=cured resin optical fibres, arranged in twisting state, stored in rigid metal conduit

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The transmission line includes several optical fibre cables (1) which are aligned in a twisting state. The cables are enclosed in an aluminum pipe (5).

Each optical fibre cable includes multiple ultraviolet ray-cured resin optical fibres (2) stored in a rigid metal conduit (3). The aluminum pipe is surrounded by several aluminum-coated steel wires (6).

ADVANTAGE - Enables increasing number of optical fibres by aligning optical fibres in twisting state inside rigid metal conduit. (3pp Dwg.No.2/3)

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